

19970716.qrp qrp-por0.788
>From owner-qrp-l@Lehigh.EDU Tue Jul 15 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id SAA17815
> for <shimshon@uro.theporch.com>; Tue, 15 Jul 1997 18:03:42 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2) with ESMTP id XAA18281
> for <shimshon@theporch.com>; Tue, 15 Jul 1997 23:03:37 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34839-30644>; Tue, 15 Jul 1997 19:03:14 -0400
>Date: Tue, 15 Jul 1997 19:03:09 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 788
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jul15.190314edt.34839-30644+116@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 788

Topics covered in this issue include:

- 1) [23085] Re: Antenna loading coils / EZnec
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
- 2) [23086] Re: The 75 watt proposal
by bruce muscolino <w6toy@erols.com>
- 3) [23087] That's My Boy! Tech+
by Ed Loranger <we6w@qsl.net>
- 4) [23088] FYBO, QTTF Pix
by Brian Short <SHORTCKT@primenet.com>
- 5) [23089] 30M Loop
by kb0rol@juno.com (Bradley L Mugleston)
- 6) [23090] Cleaning Copper..in part copper ant wire
by Earl Andrews <earlve3ab@host.igs.net>
- 7) [23091] RE: 75W Category Proposal
by Jade Account <jadepro@reg.seresc.k12.nh.us>
- 8) [23092] RE: Exam Software
by ke3fl@juno.com (Philip Karras)
- 9) [23093] WTB: QRP 40 mtr CW rig
by Michael Parkes <mparkes@worldnet.att.net>
- 10) [23094] Re: RS \$5 HT's
by "Matt Wright, AE4JM" <cnw@hiwaay.net>
- 11) [23095] Re: That's My Boy! Tech+
by "Matt Wright, AE4JM" <cnw@HiWAAY.net>

- 12) [23096] Signal Electric Key
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 13) [23097] Non-QRP Topics
by "Ed Manuel" <n5em-qrp@msn.com>
- 14) [23098] AOL REJECTIONS?
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 15) [23099] Re: AOL REJECTIONS?
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 16) [23100] Re: Non-QRP Topics
by w2gum1@juno.com
- 17) [23101] Brasso results
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 18) [23102] "Bumblebees" location, or "who needs WVa?
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 19) [23103] Re: The 75 watt proposal
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 20) [23104] Re: The 75 watt proposal
by "Dave Maliniak" <dmaliniak@penton.com>
- 21) [23105] Mobile HF QRP continues...
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 22) [23106] Re: Mobile HF QRP continues...
by dgf@netcom.com (David Feldman)
- 23) [23107] Re: That's My Boy! Tech+
by Richard Wilkerson <richqrp@cts.com>
- 24) [23108] List Wars
by "Captain Dick" <captaindick@acmenet.com>
- 25) [23109] Need clip-on ferrite beads
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 26) [23110] Re: Antennas (was:The 75 watt....)
by N4JS <jsielke@pobox.com>
- 27) [23111] HB Sprint mW Report From WNY
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 28) [23112] Re: FYBO, QTTF Pix
by Brian Short <SHORTCKT@primenet.com>
- 29) [23113] Re: FYBO, QTTF Pix
by "Michael Connor" <mikec@primenet.com> (by way of Brian Short
<SHORTCKT@PRIMENET.COM>)
- 30) [23114] Re: FYBO, QTTF Pix
by Brian Short <SHORTCKT@primenet.com>
- 31) [23115] Re: FYBO, QTTF Pix
by Brian Short <SHORTCKT@primenet.com> (by way of Brian Short
<SHORTCKT@PRIMENET.COM>)
- 32) [23116] Need clip-on ferrite beads -Reply
by Paul Cereste <cereste@myapc.com>
- 33) [23117] Spare time in Boston
by jeverhar@camden.lmco.com
- 34) [23118] Re: 30M Loop
by "Marshall Emm" <mgemm@mtechnologies.com>

- 35) [23119] RE: 75W Category Proposal
by Ed Tanton <n4xy@bellsouth.net>
- 36) [23120] Re: The 75 watt prop....Yes!! a new antenna!!
by ac5am@juno.com (Robert L Stolzle)
- 37) [23121] That's my boy -- Thanks!
by Ed Loranger <we6w@qsl.net>
- 38) [23122] CB to 10 Conversion...?
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 39) [23123] NEW QRP'er
by ARDUJENSKI@aol.com
- 40) [23124] 49MHz to 6 meter conversion
by wj5o@juno.com
- 41) [23125] My Boy Responds!
by Ed Loranger <we6w@qsl.net>
- 42) [23126] Education Item: Using BRASSO
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 43) [23127] How bad do you want a J-37?
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 44) [23128] Re: Education Item: Using BRASSO
by Ed Loranger <we6w@qsl.net>
- 45) [23129] Re: Antennas (was:The 75 watt....)
by Vic Rosenthal <rakefet@rakefet.com>
- 46) [23130] Antenna Placement (Was Re: Antennas (was:The 75 watt....))
by Stephan Greene <sgreene@washsq.com>
- 47) [23131] Re: Antenna Placement (Was Re: Antennas (was:The 75 watt....))
by Ed Loranger <we6w@qsl.net>
- 48) [23132] QRP digital modes
by Stephan Greene <sgreene@washsq.com>
- 49) [23133] Re: re Antenna loading coils / EZnec
by rodriguez@jet.es
- 50) [23134] Re: Antenna loading coils / EZnec
by rodriguez@jet.es
- 51) [23135] Re: Antenna Placement
by Joe Gervais <vole@primenet.com>

Date: Mon, 14 Jul 97 16:33:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-l@Lehigh.EDU
Subject: [23085] Re: Antenna loading coils / EZnec

>From: Goran Hosinsky <rodriguez@jet.es>
>Yes, you can put a coil where you like to but using a long helical
>coil, how do you model that? Example a helical wound vertical or the St
>Luis Special. Saludos Goran ea8yu

Hi Goran, helicals are against my religion. :-) I use as high-Q a

coil as is feasible. I do not include the length of the coil in the model. The advantage is that generally makes the antenna too long and it is easy to resonate by trimming a little off the top (which doesn't radiate much anyway).

73, Cecil, W6RCA, 00TC

Date: Mon, 14 Jul 1997 19:59:43 -0700
From: bruce muscolino <w6toy@erols.com>
To: QRP-L@Lehigh.EDU
Subject: [23086] Re: The 75 watt proposal
Message-ID: <33CAE79F.55C0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

The purpose of our hobby is communication. Whether we communicate to bs with good friends or to help in an emergency, communication is one of the bases of this hobby.

Nowhere does it say that we must communicate at any particular power level EXCEPT to use the least amount of power required for the communication in question. True story -- sometimes this is 1 microwatt and sometimes it's 1000 real watts.

Let me ask those of you who are asking for more suffixes to our already overworked QRP prosign. Is there some reason you feel it necessary to have the group's permission to run 75 watts? Or, 100 watts? Or, 1KW? Or, gasp, 100 milliwatts! Are you not the control operator of your own station?

Get on the air and have fun. If you have to raise your power to talk to someone, just do it! If you feel guilty read my column in the April 1997 QRP Quarterly!

73,

Bruce -- W6TOY/3
The curmudgeon!

Date: Mon, 14 Jul 1997 17:08:49 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23087] That's My Boy! Tech+
Message-ID: <33CABF91.73B9@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just amazing. My son Chris, kf6jxb -- Busy as all
get out -- passed his tech+ test and makes the 13 WPM
cert as well. He's got maybe 4 hrs. behind the rig,
3-1/2 of those on Field Day.

Phone? HT? What's that? I guess with the upgrade
I'll be learning some new terms.

That's my boy!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 15 Jul 1997 00:32:31 +0100
From: Brian Short <SHORTCKT@primenet.com>
To: azqrp@dancris.com, QRP-l@Lehigh.EDU
Subject: [23088] FYBO, QTTF Pix
Message-ID: <3.0.1.32.19970715003231.006e6f68@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There are now some FYBO and QTTF pictures
from the Az ScQRPion group on my web page:
<http://www.qsl.net/k7on/qrp/qtTF/qtTF.htm>

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=060 30m=60 17m=0 12m=0 States=28/00/00 DX=03/00/00

Date: Mon, 14 Jul 1997 21:30:09 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-1@Lehigh.EDU
Subject: [23089] 30M Loop
Message-ID: <19970714.181315.6847.1.kb0rol@juno.com>

OK Gang, I need help - advice. In order for me to work 30M I need to go down in the basement to my G5RV. Its dark down there with spiders so I need to build another antenna (any excuse is better than none).

I have a 40M delta loop out my bedroom window can hang a 30M loop inside the 40 and use the supports and feed line (1/4 wave 75 ohm to 50 ohm feed line) or do I need another 1/4 wave match?

Right now the 40M is horizontal into the back yard at about 28 feet. Could I make the 30M vertical (square) next to the house. The side of the house is wood siding and I don't believe the insulation had any metal wrap (17 years old). Should I support the antenna away from the house, if so how far?

Well its back downstairs to the spiders to play radio.

de KB0ROL, Brad

Date: Mon, 14 Jul 1997 21:53:39 -0400 (EDT)
From: Earl Andrews <earlve3ab@host.igs.net>
To: Qrp-1@Lehigh.EDU
Subject: [23090] Cleaning Copper..in part copper ant wire
Message-ID: <199707150153.VAA06285@host.ott.igs.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In particular Im seeking advise on how to best get the oxide off copper stranded uninsulated wire. I think ..way back when...I once tried some type of chemical which cleans copper coins and the like but as I recall it does a nice job initially then the oxide comes back with vengeance. I read in hints and kinks ..qst.. that a fellow cleaned variable capacitors (metal) with a solution of lemon juice and water which he heated on a stove and the cap came out like new..all the tarnish ect gone... I dont mind doing something like this and Im certain that its alot more efficient

than sandpapering a whole length of stranded ant wire..Just ABOUT impossible i think.

THE REASON IM DOING THIS...Im somewhat concerned what effect the oxide has on the conductivity between adjacent strands of copper wire. This is one reason why ive often used insulated wire for antennas. Imagine all the inductive and capacitive reactances present when the strands are all "insulated" from themselves with these oxide layers.

I suspect that on at least one occasion this might have accounted for an antenna I put up dropping off in efficiency..Could be other factors too but its something to consider. My email is earlve3ab@host.igs.net....If you know any trade secrets ..id be interested..73/72 es happy operating

Date: Mon, 14 Jul 97 21:47:45 PDT
From: Jade Account <jadepro@reg.seresc.k12.nh.us>
To: qrp-1@Lehigh.EDU
Subject: [23091] RE: 75W Category Proposal
Message-ID: <Chameleon.4.01.970714222128.jadepro@jadepro.seresc.k12.nh.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have to somewhat agree with Ed Tanton, N4XY, on the issue of what constitutes QRP.

Certainly with a good antenna and 5 watts, the sky is the limit, however, when forced into an apartment environment with antenna covenants etc., even the 75 watt folks can end up being very QRP.

Unfortunately, Effective Radiated Power (ERP) is not an easy thing to measure, but it would certainly be comparing apples-to-apples. The difference between 5 watts and 80 watts is 12 dB, the difference between a short dipole on 40 meters (in an attic or on the first floor) and a beam at 75 feet can be considerably more than 12 dB.

There was a time when 30 watts was considered low power (perhaps even QRP). In one QST article of about 30 years ago I recall one traveling sales fellow that had a piece about building a portable tube unit that was around 30 watts and he would operate from hotels with some success, on occassion. I certainly felt he was running QRP, and still do.

It would be interesting to see some college folks do some work on developing an ERP measuring system that could be installed at various repeater sites around the country. Assuming line of site and calibration from time to time, a "QRP standard" (and QRO) could evolve where a Boss ERP (BERP) site could give a reasonable reading of just how "QRP" a signal is. It is an area that I have thought about on occasion, but just don't have time to pursue. Could be an interesting magazine article if someone has the time for such things.

Even with this dramatic change, the stations with the high performance equipment will still have a definite edge, little can be done to compensate for lousy radiation patterns etc.

I suppose we have to live with the 5 Watt standard for the time being, but it really is an apples-and-oranges situation when comparing stations.

Just wanted to throw out a little food for thought.

Dennis, K1YPP

Jade Products, Inc.

Jane Blanchard, President

Dennis Blanchard, Chief Engineer

Phone: 603-329-6995 (Summer hours 4 to 10 PM EST)

FAX: 603-329-4499

Orders: 800-523-3776

e-mail: jadepro@seresc.k12.nh.us

See our Web Page:

<http://www.seresc.k12.nh.us/~jadepro/> (temporary, due to change soon)

Date: Mon, 14 Jul 1997 22:22:12 EDT
From: ke3fl@juno.com (Philip Karras)

To: N8mgu@aol.com, qrp-1@Lehigh.EDU

Subject: [23092] RE: Exam Software

Message-ID: <19970714.222130.7631.3.ke3fl@juno.com>

Larry I would recommend being an ARRL VE. You can get (for free) the exam software they supply and it is always current. The only thing you have to be carefull of is NEVER having any way the same exam could be

used as a real test exam. One way to do this is to keep track of the test generation number (serial number).

Another way is to have the ARRL supply the actual tests, but there is always the possibility that they could select the same test number.

Since I only make two practice exams it is easy to make sure that their serial numbers are not used to generate the actual test(s).

gud luk 73 & 72
de KE3FL
Phil

Date: Mon, 14 Jul 1997 19:11:36 -0800
From: Michael Parkes <mparkes@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [23093] WTB: QRP 40 mtr CW rig
Message-ID: <33CAEA61.2549@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm looking around for a nice little 40 mtr rig that I can take backpacking...thanks!

Mike AB7RU
Newman Lake, WA

Date: Mon, 14 Jul 1997 22:10:25 -0500 (CDT)
From: "Matt Wright, AE4JM" <cnw@hiwaay.net>
To: Jim A Norworthy <kd4kzq@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23094] Re: RS \$5 HT's
Message-ID: <Pine.OSF.3.94.970714221004.16687C-100000@fly.HiWAAAY.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Jim,

How is it going? Been a while!

Sorry, I can't remember on the HT's.

Matt, AE4JM

Date: Mon, 14 Jul 1997 22:18:27 -0500 (CDT)
From: "Matt Wright, AE4JM" <cnw@HiWAAAY.net>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23095] Re: That's My Boy! Tech+
Message-ID: <Pine.OSF.3.94.970714221628.16687G-1000000@fly.HiWAAAY.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Just amazing. My son Chris, kf6jxb -- Busy as all
> get out -- passed his tech+ test and makes the 13 WPM
> cert as well. He's got maybe 4 hrs. behind the rig,
> 3-1/2 of those on Field Day.

Hey Ed,

Congrats to Chris and yourself. I hope that he enjoys his new license class and his new privileges Ed. Sounds like a new extra is on the way!

Matt, AE4JM

Date: Tue, 15 Jul 1997 04:24:27 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [23096] Signal Electric Key
Message-ID: <199707150324.EAA05178@chuck.dallas.sgi.com>

Gang,

Thanks to Paul WA9PWP for the spelling of the town in MI.

I was looking through Dave Ingram's book "Keys, Keys, Keys" published by CQ Communications, Inc with copyright date of 1991. On page 46 is two photos of the key called Signal Electric's

Number 2 Key. Dave gives manufacturing date of "early 1900s".

Can't tell from photo done by W2GDV, but my key may be in better shape. I'll put a photo on the web page in the code course section sometime this week.

Oh, name of town was/is Menominee, MI.

Now for the trivia buffs. I'm looking at the Speed-X photo on page 20 and I personally think that the straight key shown in 1-24(A) is a clone or copy or licensed version of the same thing. Anyone have a clue?

On the way home I stopped at Radio Shack. The low priced (\$24.99) version of a pocket digital multimeter had an immediate response to the continuity beep on closure of the leads. So Marshall's post that some digital meters may delay startup is true but does not seem to apply to the R/S multimeter that I examined.

R/S does not carry straight keys or buzzers either. Yet another project to work on..... :-)

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
<http://reality.sgi.com/adams/code.html> -- online Morse Code course
WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Tue, 15 Jul 97 04:35:51 UT
From: "Ed Manuel" <n5em-qrp@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [23097] Non-QRP Topics
Message-ID: <UPMAIL15.199707150438270308@msn.com>

Gang,

This list is about QRP - defined as 5 watt and under operation. For those bent on discussion higher power operation, perhaps someone will volunteer to make them a new list SOMEWHERE ELSE.

Ed, N5EM

Date: Tue, 15 Jul 1997 11:53:22 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [23098] AOL REJECTIONS?
Message-ID: <19970715115320.AAA4974@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

-ANYONE ELSE GETTING BOUNCES FROM AOL... EVEN TO OFT-USED
NICKNAMES? =S=

"Seab" Lyon -- AA1MY
Bethel, CT; USA FN-31-HJ
ARCI #9253; QRP-L # 574
NEQRP# 511; ARRL; QCWA;
C.A.R.A.

Date: Tue, 15 Jul 1997 08:25:50 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-1@Lehigh.EDU
Subject: [23099] Re: AOL REJECTIONS?
Message-ID: <1.5.4.32.19970715122550.002d43c4@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have found that .aol.com will occaisonally set a reject mail flag on domains/addresses that the feel like filtering. Usually this is no fault of the casual user. Usually this happens due to either "unwanted info" or "spamming" from the affected mail server. If this continually happens, just switch outgoing mail servers.

73
/rick

At 11:53 AM 7/15/97 +0000, SSLYON@worldnet.att.net wrote:
>-ANYONE ELSE GETTING BOUNCES FROM AOL... EVEN TO OFT-USED
>NICKNAMES? =S=

>
>"Seab" Lyon -- AA1MY
>Bethel, CT; USA FN-31-HJ
>ARCI #9253; QRP-L # 574
>NEQRP# 511; ARRL; QCWA;
>C.A.R.A.
>

>
>
>

Argonaut 505 - MFJ 9020 - 38 Special
<http://www.mpna.com/ripowell> ripowell@mpna.com
WB6JBM/8/QRP Richard Powell
QRP-L - #1118 Cincinnati, OH
TENTEN - 13044

Date: Tue, 15 Jul 1997 08:24:37 EDT
From: w2gum1@juno.com
To: n5em-qrp@msn.com
Cc: qrp-l@Lehigh.EDU
Subject: [23100] Re: Non-QRP Topics
Message-ID: <19970715.074028.8191.0.w2gum1@juno.com>

You hit the nail right on the head ,Ed. QRP means QRP, Been on qrp
,(on and off) for 63 years and love to dig out the weak ones and found
that the weak ones have enjoyed digging me out for the LOVE OF TWO WAY
QRP. A real sport !

I love to just keep plugging away. Like to try to keep
the QRM down !

VERY 73 Tony Colaguori W2GUM
DXCC # 39

Date: Tue, 15 Jul 1997 14:04:32 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [23101] Brasso results
Message-ID: <199707151304.0AA05888@chuck.dallas.sgi.com>

Gang,

One more time on the J-38 and Brasso.

Go to my homepage. Go down to the online code course and follow the link.

Take a look at the photos of the J-38 before and after the application of Brasso (tm) all metal cleaner and some elbow grease (tm). I didn't realize until I placed the photos side by side just a few minutes ago just how much oxide coatings really degrade the looks of brass.

OK, back to the CMOS III and the paddles. Tried the antenna last night and another problem has crept/rushed in. Wouldn't tune as usual so guess another house guest has moved in although the center insulator is sealed with hot glue to keep out the elements and critters. 25% reflected power is just a little much.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
<http://reality.sgi.com/adams/code.html> -- online Morse Code course
WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Tue, 15 Jul 1997 09:24:47 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l)
Cc: seorat@qsl.net
Subject: [23102] "Bumblebees" location, or "who needs WVa?
Message-ID: <199707151324.JAA22295@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Greetings fellow QRPers!

Members of the Southeast Ohio Radio Adventure Team, a small group of SE Ohio QRPers who like to use their rigs outdoors, will be participating in the upcoming Adventure Radio Society "Flight of the Bumblebees". However, we've not yet decided where we want to do this.

This email is a non-scientific survey with one question:

1. Who needs a QSO with West Virginia two-way QRP?

If you do, please reply to wd8rif@qsl.net.

If there's enough interest in WVa, we'll plan a road trip to Wild and Wonderful West Virginia.

72,

Eric

--

W. Eric McFadden WD8RIF Athens OH
wmcfadde@ace.cs.ohiou.edu
<http://ouvaxa.cats.ohiou.edu/~mcfadden>

Date: Tue, 15 Jul 1997 09:55:08 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@Lehigh.EDU
Subject: [23103] Re: The 75 watt proposal
Message-ID: <35709.owen@piper.eeel.nist.gov>

In message Mon, 14 Jul 1997 19:59:43 -0700,
bruce muscolino <w6toy@erols.com> writes:

> The purpose of our hobby is communication.
> Nowhere does it say that we must communicate at any particular power
> level EXCEPT to use the least amount of power required for the
> communication in question. If you have to raise your power to talk to
> someone, just do it! If you feel guilty read my column in the April
> 1997 QRP Quarterly!
>
> 73,
>
> Bruce -- W6TOY/3

I DON't feel guilty. When I want to have the fun of a Qrp contact and prove that it can be done I turn the power to 5W or less. When I NEED to communicate with another station to get information across (traffic net) I turn the power up to the maximum allowed if that's what it takes. However, I find that it's seldom necessary to use more than 100 watts and frequently the maximum required, even on 75m SSB is 25 watts or less. There is, however, one time that I automatically run the maximum power even if it's not required for most of the stations with which I am communicating. That is when I'm NCS on my 75M SSB traffic net. The net control must be in

command of the frequency and since some of the stations checking in are beyond the general range of 75 M, power is required to communicate with them. I'm talking of the stations over 500-600 miles away and I do have a few every week check in. The net control also must try to keep the frequency clear and that requires that stations that will try to usurp the frequency from the net will not be able to do it. In this case power will prevent it most times. I do find that 98% of the time the amplifier is on only when I'm NCS. My choice is not to add any more designators to Qrp. If a need is felt to let a station or group of stations know the power level you're running then so state it in the contact. 72/73 Jim K4CGY qrp-l #72

Date: Tue, 15 Jul 1997 10:31:19 -0400
From: "Dave Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [23104] Re: The 75 watt proposal
Message-ID: <852564D5.004E2F05.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Guys:

This discussion is a bit silly and has gone on far too long. Amateur radio, at QRP output levels or otherwise, is a HOBBY. H-O-B-B-Y. Pursue it however you like! Operate at as much power or as little power as you want! Who cares?!?

However...this list is QRP-L and we all know what "QRP" means, both as a prosign and as a mindset. The QRP community shook out what "QRP" meant quite some time ago.

Why muddy the waters with obscure designators for "high-power QRP," which is a total contradiction in terms? Who, besides the few folks on this list who are paying any mind to this thread, is going to have any idea what you're trying to say if you were to use such designators on the air?

It's already been said too many times and we all know it anyway: In the interest of reducing interference, etc. and so on, we should strive to use the minimum output power necessary to establish reliable communications. If, on a given day with given conditions, that means raising the ante in terms of power, well, just go ahead and crank it up. Who has to feel guilty or not guilty? No one asked me to check my amplifier at the door to QRP.

But...BUT...if you choose to run at an output of more than 5 W, you're not running QRP. No one said you HAD to in the first place. Just don't try to

place a label on something when it doesn't merit that label.

I just wish we could get back to a relevant discussion on QRP-L. Anybody built a new antenna lately??? I'd take another Q-dope thread in exchange for this one.

72 David N2SMH
Glen Rock, NJ

Date: Tue, 15 Jul 1997 09:05:29 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [23105] Mobile HF QRP continues...
Message-ID: <Pine.3.89.9707150845.R17983-01000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I USED to have an impedance match of 1:1 with the Outbacker on the roof, or at least it was close. Then I moved the antennas onto brackets extending from the frame...in back...low...

SWR shot way up :(Like up to 4:1 at BEST.

So I started thinking (you should try this every day!) and thought back to the BugCatcher I didn't buy for \$45 at a hamfest (still haven't forgiven myself). Hey, it used a little coil at the antenna base as a matching circuit...I have some old B&W Airdux stock...

A 1.5" diameter coil, with a clip lead going to ground, plus some experimentation and the SWR is a very good 1.06:1 on 20m and with another resonator, and a different coil tap, it's 1.05:1 on 40.

So with an output power of 3 watts....

QSO'd with G5LP and WE5N on 20m last night, and NS9F on 40 this AM.

Happy happy joy joy now to get rid of that ignition noise...

Tried two additional sets of plug wires - one standard, one carbon-impregnated core - both worse than the OEM stuff, RFI-wise.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***

** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Tue, 15 Jul 1997 08:24:15 -0700
From: dgf@netcom.com (David Feldman)
To: qrp-1@Lehigh.EDU
Subject: [23106] Re: Mobile HF QRP continues...
Message-ID: <199707151524.IAA28034@netcom15.netcom.com>

>From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

>I USED to have an impedance match of 1:1 with the Outbacker on the roof,
>or at least it was close. Then I moved the antennas onto brackets
>extending from the frame...in back...low...

>

>SWR shot way up :(Like up to 4:1 at BEST.

>

>So I started thinking (you should try this every day!) and thought back
>to the BugCatcher I didn't buy for \$45 at a hamfest (still haven't
>forgiven myself). Hey, it used a little coil at the antenna base as a
>matching circuit...I have some old B&W Airdux stock...

>

>A 1.5" diameter coil, with a clip lead going to ground, plus some
>experimentation and the SWR is a very good 1.06:1 on 20m and with another

An alternative to this solution is to try a silver mica cap across the base of the antenna (where the coax interfaces) - 1000 pF on 80M, 500 pF on 40M, 250 pF on 20M are good starting values. You need to lengthen the antenna a bit after you do this. I have used this frequently to bring SWR back in line on hustler mobile HF antennas particularly on these lower bands. At QRP power levels almost any type of cap should work for this usage. It's described in ARRL handbooks in the "mobile" section.

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 15 Jul 1997 08:27:28 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23107] Re: That's My Boy! Tech+

Message-ID: <33CB96E0.3775@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
> Just amazing. My son Chris, kf6jxb -- Busy as all
> get out -- passed his tech+ test and makes the 13 WPM
> cert as well. He's got maybe 4 hrs. behind the rig,
> 3-1/2 of those on Field Day.
>
>
> Phone? HT? What's that? I guess with the upgrade
> I'll be learning some new terms.
>
> That's my boy!
>
> -Ed Loranger
> --
> 72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
> HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
> QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
> mailto:we6w@qsl.net <http://www.qsl.net/we6w>

!!!!!!!!!!CONGRATSULATIONS!!!!!!!!!!!!!!

--

72's..... Rich
Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.
Boatanchors

Date: Tue, 15 Jul 1997 08:31:15 -0700
From: "Captain Dick" <captaindick@acmenet.com>
To: "QRP Radio List" <qrp-l@Lehigh.EDU>
Subject: [23108] List Wars
Message-ID: <199707151521.IAA27320@premier1.premier1.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi;

Still waiting for my argonaut, so not on air at moment. Very, very sad to see content disagreement start here. Only been monitoring for about two weeks, but I've seen this on other lists. Have seen lists destroyed by the tendency of "list police" to try to "keep it pure". Seems as if if a thread comes up and gets discussion within a group, then it's an appropriate thread. If it's not, it'll die out. Personally, I knew I couldn't stick with this list as soon as I saw the volume, just too much for me. However, I stuck in this long because a couple of things were interesting, and the power level discussion was one of them. Not a home brewer or an antenna experimenter or a tester, just someone who used to use qrp for fun. Anyway, I wish you all luck but I'm signing out, mostly due to the volume, but also don't need to follow the battle... been there, done that, threw the tee shirt out. Sure I'll see some of you on qrp, or qrp or qrp, or whatever.

Captain Dick
2631 NW 95th St.
Seattle, WA 98117
Home Page at: <http://www.acmenet.com/captain dick>

Date: Tue, 15 Jul 1997 10:25:38 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [23109] Need clip-on ferrite beads
Message-ID: <Pine.3.89.9707151025.I18458-01000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Trying to suppress RFI in the car. They make 'em for computers, toasters, etc. Why can't I seem to find anyone that SELLS them?

Need to suppress HF. Any recommendations to material type?

Type 2?
Type 77?

Anyone tell me where I can get a BUNCH of 'em for less than \$5 each!?!?!

(the local candy store sells Amidon ones for \$5 each! which would be fine except I need about 20 of them!)

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***

** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Tue, 15 Jul 1997 12:04:06 -0400 (EDT)
From: N4JS <jsielke@pobox.com>
To: Dave Maliniak <dmaliniak@penton.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23110] Re: Antennas (was:The 75 watt....)
Message-ID: <Pine.LNX.3.95.970715115841.1259A-1000000@jsielke.ppp.cyberenet.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 15 Jul 1997, Dave Maliniak wrote:

> I just wish we could get back to a relevant discussion on QRP-L. Anybody
> built a new antenna lately??? I'd take another Q-dope thread in exchange
> for this one.

>
Gee, I quit building antennas. I thought good antennas weren't
"pure?" I replaced my beam and zepp with a 50' wire made of old, rusted
electric fence wire. Now I feel "pure" and righteous. Unfortunately, can't
hear or work anybody..... Now all I have to do is get rid of the "\$25 toy
rigs that don't communicate" and I will be a REAL qrp'er!

[OK, OK, the devil made me say it.....]

_ _ _ _ _ \ _ / _ _ . ' _ _ \ _ _ \ _ \ _ \ _ _ / _ _ / NE-QRP #507 G-QRP #9544	John L. Sielke n4js@amsat.org n4js@pobox.com n4js@n4js.ampr.org NJ Grid:FM29LN http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884 QRP-ARCI #9328 NorCal #1989 QCWA FISTS #2781
---	---

Date: Tue, 15 Jul 1997 12:08:50 -0400
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: <QRP-L@Lehigh.EDU>
Subject: [23111] HB Sprint mW Report From WNY
Message-ID: <199707151606.MAA49049@nss2.CC.Lehigh.EDU>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

HI Gang,

After reading other reports I thought that I would throw in a report of my own.

I operated FD style from my favorite picnic bench on Rushford Lake here in Allegany Co., NY. Conditions were dead on 20M and hopping on 40M. I expected the opposite since on Saturday I fired up the OHR100/20 at 2100UTC and found myself in the thick of the IARU test. I worked 17 Q's in 20 minutes running 5W to a 66' CF dipole (AKA 20M collinear beam?) up 55' running N-S. And almost half of those Q's were DX that answered me on the first call. I expected Sunday to be as good.

I was somewhat shocked when I started the test on Sunday. There were virtually no signals on the band and I did not hear a single caller in the HB. So I called CQ for about 17 minutes with no answers. Finally, I answered the weak CQ of K0LWV and got a 449 for my 900mW. After switching to my SWL-40 I was rewarded with about 20Q's in next 1h 30m of operation running 900mW. Had to switch to family stuff so my score suffered but I had lots of fun.

Bottom Line- My SWL-40 by NN1G continues to amaze me. I use it in a lot of tests and my Q's/hr/watt always makes me smile. Nice rig Dave.

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Tue, 15 Jul 1997 16:17:07 +0100
From: Brian Short <SHORTCKT@primenet.com>
To: Ed Loranger <we6w@qsl.net>
Cc: QRP-l@Lehigh.EDU
Subject: [23112] Re: FYB0, QTTF Pix
Message-ID: <3.0.1.32.19970715161707.007293e4@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed (or anyone else):

Just (snail) mail them to me and I'll scan them for you! Those pictures came from Floyd, NQ7X. My snail address is at bottom and just include

a return envelope/postage.

>Hi Brian, nice pics. Who is at the top pic.
>Wish I had a way to scan in some pics.

-Brian
shortckt@primenet.com

Date: Tue, 15 Jul 1997 16:27:11 +0100
From: "Michael Connor" <mikec@primenet.com> (by way of Brian Short
<SHORTCKT@PRIMENET.COM>)
To: QRP-1@Lehigh.EDU
Subject: [23113] Re: FYBO, QTTF Pix
Message-ID: <3.0.1.32.19970715162711.0072c0d8@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Brian,
The top pic would be me at the operating position...:-)

Mike
NQ7K

From: Brian Short <SHORTCKT@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 15, 1997 9:18 AM
Subject: Re: FYBO, QTTF Pix

Ed (or anyone else):

Just (snail) mail them to me and I'll scan them
for you! Those pictures came from Floyd, NQ7X.
My snail address is at bottom and just include
a return envelope/postage.

>Hi Brian, nice pics. Who is at the top pic.
>Wish I had a way to scan in some pics.

-Brian
shortckt@primenet.com

Date: Tue, 15 Jul 1997 16:22:16 +0100
From: Brian Short <SHORTCKT@primenet.com>
To: SHORTCKT@primenet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [23114] Re: FYBO, QTTF Pix
Message-ID: <3.0.1.32.19970715162216.00738c3c@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Woops, I did it again! Wrong signature. Sorry!
See bottom for snail address this time!

>Ed (or anyone else):
>
>Just (snail) mail them to me and I'll scan them
>for you! Those pictures came from Floyd, NQ7X.
>My snail address is at bottom and just include
>a return envelope/postage.
>
>>Hi Brian, nice pics. Who is at the top pic.
>>Wish I had a way to scan in some pics.

1994 E Laguna Dr Tempe, Az 85282 (602)839-3484
k7on@qsl.net >or< <http://www.qsl.net/k7on>

Date: Tue, 15 Jul 1997 16:29:14 +0100
From: Brian Short <SHORTCKT@primenet.com> (by way of Brian Short
<SHORTCKT@PRIMENET.COM>)
To: QRP-1@Lehigh.EDU
Subject: [23115] Re: FYBO, QTTF Pix
Message-ID: <3.0.1.32.19970715162914.00727124@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Woops, I did it again! Wrong signature. Sorry!
See bottom for snail address this time!

Brian Keith Short K7ON
1994 E Laguna Dr Tempe, Az 85282

>Ed (or anyone else):
>
>Just (snail) mail them to me and I'll scan them
>for you! Those pictures came from Floyd, NQ7X.
>My snail address is at bottom and just include
>a return envelope/postage.
>
>>Hi Brian, nice pics. Who is at the top pic.
>>Wish I had a way to scan in some pics.

1994 E Laguna Dr Tempe, Az 85282 (602)839-3484
k7on@qsl.net >or< <http://www.qsl.net/k7on>

Date: Tue, 15 Jul 1997 11:48:56 -0500
From: Paul Cereste <cereste@myapc.com>
To: qrp-1@Lehigh.EDU, ham@w3eax.umd.edu
Subject: [23116] Need clip-on ferrite beads -Reply
Message-ID: <s3cb7176.063@myapc.com>

I got some at Rat Shaft a few years ago. I
don't remember what they cost, but they
did attenuate the RFI on our stereo and
the XYL's computer speakers.

Date: Tue, 15 Jul 1997 12:45:54 -0400 (EDT)
From: jeverhar@camden.lmco.com
To: qrp-1@Lehigh.EDU, njqrp@njqrp.org
Cc: jeverhar@camden.lmco.com
Subject: [23117] Spare time in Boston
Message-ID: <9707151645.AA11772@train11.CAMDEN.LMCO.COM>

Gang,

A couple of weeks back I posted a query about electronics places in the
NorthBoston (MA) area.

The following places were recommended by kindly folks from 1-land:

1. You Do It Electronics - just off I95/128 in Dedham

2. Electronics Superstore - just off I95/128 near the I93 intersections - look for the Charrette (sp?) sign
3. An electronics place in Manchester, NH right next to the Granite St Bar & Grille

My time to explore was somewhat limited, due to working 12 hour shifts ranging from 0800 to 2000, through 1400 to 0200 and 1800 to 0600, ending with 2000 to 0800. But I did get to visit #1 and #2.

"You Do It" is a pretty good all-around place. They are a commercial distributor of sorts and carry a full line of electronic components, wire and cable, test equipment, books (including Building Your Own Amateur Transceiver) and even some CB and ham gear. Reminds me of the (now non-existent) all-in-one type stores from back in the 60's in the SNJ/EPA area.

"Electronics Superstore" was a bust. There *was* a sign for them visible from 128/95. I got off the proper exit and began the search. Wound my way back to where the large sign was, but the only thing there was an "Auto Palace". (Kinda like a Pep Boys or Western Auto, depending on the part of the country you live in.) A search of the area turned up nothing! The AP manager when queried replied that lotsa folks come in and ask where it is. Though the sign remains, they are gone! They became "Electronics Planet" located on Washington Street (the access road off 95) located in a strip mall near a Staples store. 30 seconds inside the Planet told me all I needed to know. They now specialize in "recycled" computers. Their only concession to other electronics is that they have a couple of walls of vastly overpriced GC Electronics parts (although you *can* get Q-dope! A couple of doors down in the same strip mall is a very good place to go for general electronics parts - Active Electronics. No ham stuff, though.

I never found time to drive up to Manchester. That just might happen next week when I'm back in the Boston area.

On the other hand, I can tell you from personal experience that brewing of a non-ham nature is alive and well in the area. Slightly north of Boston on Rt 95 is Pease Airport, which used to be Pease AFB. As you enter the airport there is a large building housing the Red Hook Brewery. They have an excellent tour featuring several samples of their products. The tour costs \$1.00 and you even get to take the 5 oz. sample glass home with you. One of the tour participants commented that it would make one heck of a great shot glass!

Also never found time to properly get my Sierra on the air. Outdoor motel disguised antennas are nigh on impossible during the day! Maybe next time.

72/73,

Joe E., N2CX

Date: Tue, 15 Jul 1997 10:53:05 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: kb0rol@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [23118] Re: 30M Loop
Message-ID: <199707151656.KAA11882@lynx.csn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>OK Gang, I need help - advice. In order for me to work
30M I need to go down in the basement to my G5RV. Its
dark down there with spiders so I need to build another
antenna (any excuse is better than none).
<<

In my experience, Brad, you will have difficulty with either
a spider or a G5RV in the basement. Put them outside! But while I
think of it, if your basement is big enough for a G5RV you could be
well placed to take up boat building!

73

Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382

--

Date: Tue, 15 Jul 1997 13:24:14 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: jadepro@reg.seresc.k12.nh.us
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [23119] RE: 75W Category Proposal
Message-ID: <3.0.1.32.19970715132414.00a47900@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks Dennis for the support... I guess I didn't make my point very well,
or everybody is so hung up on the wattage that they cannot see there is a
pretty clear distinction between those of us trying to operate with minimal

>however
>you like! Operate at as much power or as little power as you want! Who
>cares?!?
>
>
>terms of power, well, just go ahead and crank it up. Who has to feel
>guilty
>or not guilty? No one asked me to check my amplifier at the door to
>QRP.
>
>But...BUT...if you choose to run at an output of more than 5 W, you're
>not
>running QRP. No one said you HAD to in the first place. Just don't try
>to
>place a label on something when it doesn't merit that label.
>
>I just wish we could get back to a relevant discussion on QRP-L.
>Anybody
>built a new antenna lately??? I'd take another Q-dope thread in
>exchange
>for this one.
>
>72 David N2SMH
>Glen Rock, NJ

David, I agree with you, Tony, W2GUM; ED, N5EM and Walt, K8CV
and others. All very well said. Yes, as a matter of fact David I have
built
a new antenna lately and it works very well for home or field set-ups.
I call it, "A LOOP ON A STICK". Its a self supported delta loop using
a matching Q section of 75 ohm coax made of half inch aluminum
conduit and one piece of wire across the top of the conduit made in
the shape of a V. This thing can be mounted on a single pole and
rotated by hand to change direction of best radiation. Oh, no tuner
needed with this antenna.

This was described in the last issue of the AR QRP Club newsletter.
Good reason to join the AR QRP Club. Its free just check in the net
on Mondays at 0130Z on 3560 khz. Bob, N9ZZ usually NCS.

Also after the basic loop is made one can change bands by changing
the matching Q section of 75 ohm coax and changing length of the
aluminum V as well as the top wire. I have built it for use on 17M, 15M,
12M and 10M by changing a few parts as described above. The loop for
20M would be too large for the material used here. Simply would not be
strong enough. (Maybe someone can come up with something here.)

OK, this is not really a new antenna but a new twist on an old reliable one.

One person can set up or take down in about 15 minutes. I believe this antenna will make those fainthearted 5 watt QRPers sound like 75 watts. (Maybe we shouldn't tell them about it....just kidding. Personally I run 1 watt most of the time. That's plenty) If you would like more details just let me know.

Bob, AC5AM AR QRP #23 (also like tube gear and work some QRO)

Date: Tue, 15 Jul 1997 10:43:06 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23121] That's my boy -- Thanks!
Message-ID: <33CBB6AA.4202@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who sent congratulations.

Chris was working the keyer when I got home last night.

He was beaming about a local contact. I saw he was running about .7 watts and instructed him on antenna tuning. Back up to two watts.

Now, I've Been doing the keyer for 6 days now and left-handed as recommended by a ham at work. Like it better at 20 wpm and a lot more relaxing.

After his exit I noticed the keyer was up to 20 WPM character speed. So I guess he put a lot of space between the characters. Hmmm, that's about where I send.....

With my feathers ruffled, I cranked the keyer up to about 30 WPM character speed and, with guts, answered a speed demon out of Palm Springs with his new Vibroplex key. Antenna, just put up a dipole out of 26 or so AWG running North/South for a pixie test with W7LS up north. Got Palm Springs with 1.5 watts on 7040 KHz.

We had a great chat at about 30 wpm. I made few mistakes

and, with chest enlarged, sought out My boy(s) and my little girl to share my accomplishment. Tech+ visiting a friend. Doh! No pat from a fellow ham... That's good dad from 14 yr. old. I'm watching T.V. from 9yr old, and a hug from Kelly my 6 yr old girl.

Realizing my biggest accomplishments were sitting on the couch, I QRT the rig and watched a little TV. And Homebrewed a Hot Sausage/swiss cheese omelet.

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 15 Jul 1997 14:05:19 -0400
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [23122] CB to 10 Conversion...?
Message-ID: <v03102800aff1678fb033@[132.235.72.186]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Gang,

What is going on with the group of adventuresome souls that were going to try the CB to 10 meter conversions? I was on vacation last week and missed all the latest.

1. Did we decide on a "Grand Keeper of the Frog Pelt" to collect all the models and various modification schemes?

2. If so, then who and what is the e-mail adr?

3. If no one volunteered to do it I would gladly offer to be the organizer. (WHAT DID I JUST TYPE!?! I think the fever will pass...just give it a few days...)

I've got 4 old CB's that I've dug out of the treasure trove (read: "junk box") and want to give it a try. One of them will put out 5 watts unmodulated, so it is just right for QRP.

On a side note, Eric Mcfadden and the local ACARA group did a great job on field day! They had a very nice looking set-up with lots of equipment and scored high. They were 1a Battery QRP. Check them out at:

http://www.qsl.net/~wd8rif/fd_1997.htm

Nice Job Eric et al!

I participated in Field Day with NC8V and WT8E from NC8V's very own full size caboose that he has on his property, so I couldn't join Eric. John's (NC8V) caboose is a 1947? model that he bought and is in the process of rebuilding. Should have some pics to share with you all as soon as I can scan them in.

72 de

```
*****
*
* NN      N SSSSSSS 8888888 0000000 Greg Weinfurtner AEE BSS *
* N N     N S      8      8 0      0 Electronic Design Splst *
* N N     N SSSSSSS 8888888 0      0 Ohio University Athens *
* N      N N      S 8      8 0      0 GO BOBCATS! *
* N      NN SSSSSSS 8888888 0000000 *
*
* "Can thou send forth lightnings that they may go and say *
*      unto thee, 'Here we are'?" Job 38:35 *
*
*      weinfurtner@ouvaxa.cats.ohiou.edu *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner *
*****
```

Date: Tue, 15 Jul 1997 14:35:21 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [23123] NEW QRP'er
Message-ID: <970715143510_304702576@emout11.mail.aol.com>

I got my ticket a number of years ago but first time on the air only a few months ago. Got into QRP because it was cheapest way to start up. You fellas need to put a WARNING LABEL on this because I have become addicted. Somehow I

squeeze in 5 hours a day try'n to get that WAS. Only 38 states so far since end of April but I am determined to finish them by the end of the year (sunspots or not).

Those dang Northeastern states are a devil even to pick up let alone contact. ANY SUGGESTIONS (other than patience) from all you old timers on how to improve my chances of reaching those states? My dipole runs NS and SWR less than 1.1:1 and is up 30 ft. At that height I figure I should be getting some good angles of radiation. I am using the EMTECH NW rig (I can't say enuff gud things about that rig). I work rig morning, noon, and nite when I can, tryn to find an opening.

I enjoy all the discussion on QRP-L and have learned alot. Still don't see what all the fuss is about QRP designation and power levels but I am new at all this too. My cars are all old VWs, they probably qualify for auto QRP'n...HI HI...Thanks and keep up the good info! Alan (KB7MBI) in Woodinville, WA

Date: Tue, 15 Jul 1997 13:45:11 cdt
From: wj5o@juno.com
To: QRP-L@Lehigh.EDU
Subject: [23124] 49MHz to 6 meter conversion
Message-ID: <19970715.134512.9614.6.WJ50@juno.com>

To the operator who had the 49MHz rigs but felt \$15.00 for a crystal made it un-economical to convert.

The B G Micro lists a 17.1 MHz crystal for \$1.75
bgmicro@bgmicro.com or <http://www.bgmicro.com/> for a catalog

Operated 3rd overtone would put it about 51.3MHz New QRP
frequency????

73 Bill WJ50@juno.com

Date: Tue, 15 Jul 1997 11:49:14 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [23125] My Boy Responds!
Message-ID: <33CBC62A.106C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

>From friend's computer: KF6JXB, Chris Loranger wrote:

That was pretty cool what those people wrote.

I spent last night for 2.5 hours downloading aol's web browser, so his computer can actually have a proper program to 'surf' the web, and then once I downloaded it, the site that Jean wanted me to download a program for her took about another 1.5 hours, and then I spent another 1.5 hours trying how to update the version I just recieved into the program. I went to bed at 3:40 or so, got up and got a good idea, and now the program is upgraded to 1.3b, woohooo!!!!

chris

have fun a work!! hahahahahahahahaha

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 15 Jul 1997 14:54:38 -0400

From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>

To: qrp-l@Lehigh.EDU

Subject: [23126] Education Item: Using BRASSO

Message-ID: <852564D5.006685BA.00@dpcmail.dukepower.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Wanted to pass along a few comments on using BRASSO. Where Chuck used it to clean a key, it would probably be ok - depending on how long he wants to keep it.

I would suggest that you be careful where you use metal cleaning products containing ammonia (like BRASSO) to clean brass. The ammonia does a bang-up job in cleaning up the brass, but it also attacks the actual structure of the brass (or something like that) such that it weakens the crystalline structure over time, ultimately causing failure of the metal. Most people don't know this.

I first became aware of this in reloading metallic cartridges. Use of ammoniated cleaners is a big NO-NO for brass cartridge cases. I'm an electrical engineer and not a metallurgist though and consulted with one here at work. He confirmed that ammonia and brass do not mix. Said his wife used to clean a brass trophy of theirs and one day one of the pieces (an arm, leg, or something like that) just fell off! He got to looking into the problem using the equipment he had available in his lab and found that ammonia in the cleaner she had used was the problem.

So, just be careful where you use these products. And no, all of the ammonia does not come off when you finish polishing the item.

I've gone to using metal/brass cleaners that do not contain ammonia. One good one that you can find at auto parts stores is Mother's Chrome Polish/Cleaner (or something close to this).

Hope this may help someone.

Watson/WB4EXW

Date: Tue, 15 Jul 1997 14:59:27 -0400
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [23127] How bad do you want a J-37?
Message-ID: <852564D5.006804C3.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Got a sample copy of Nuts & Volts in the mail yesterday. Saw an ad in it where some company had J-37 keys still in gov't packaging. My interest was peaked! Then I saw the price!

They wanted \$75 each for them. I find that a bit extravagant myself!!

Watson/WB4EXW

Date: Tue, 15 Jul 1997 12:04:08 -0700

From: Ed Loranger <we6w@qsl.net>
To: wgabriel@duke-energy.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23128] Re: Education Item: Using BRASSO
Message-ID: <33CBC9A8.32A2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why is Chuck sprinting from the hamshack to the kitchen?

Is that a Brass key in Chuck's dishwasher?

Oh boy.

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 15 Jul 1997 13:07:23 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: jsielke@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23129] Re: Antennas (was:The 75 watt....)
Message-ID: <33CBD87B.698B@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N4JS wrote:

>
> Gee, I quit building antennas. I thought good antennas weren't
> "pure?" I replaced my beam and zepp with a 50' wire made of old, rusted
> electric fence wire. Now I feel "pure" and righteous. Unfortunately, can't
> hear or work anybody.....

50 feet long? What kind of elitist are you? I buried a hamstick in my
back yard, fed with zip cord.

Vic K2VCO

Date: Tue, 15 Jul 1997 16:20:30 -0400 (EDT)
From: Stephan Greene <sgreene@washsq.com>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23130] Antenna Placement (Was Re: Antennas (was:The 75 watt....))
Message-ID: <Pine.LNX.3.95.970715161645.5781E-1000000@europa.washsq.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 15 Jul 1997, Vic Rosenthal wrote:

> N4JS wrote:
> > "pure?" I replaced my beam and zepp with a 50' wire made of old, rusted
> > electric fence wire. Now I feel "pure" and righteous. Unfortunately, can't
> > hear or work anybody.....
>
> 50 feet long? What kind of elitist are you? I buried a hamstick in my
> back yard, fed with zip cord.

Eons ago, there was a QST article on "Antenna Placement Is The Key." The author used a junk zip cord antenna to work all sorts of South Asia and Oceania stations, most rare DX by anyone's standards. It *may* have helped that the author was in Thailand (I think) at the time. (OBQRP) I also think the author stated he was running QRP (under 100 W in those days, so we're back to the original thread...).

73, Steve KA1LM

Stephan A. Greene sgreene@washsq.com
PGP Public Key 0xB96717F5 1996/10/01 at <http://ww2.washsq.com/~sgreene/>

Date: Tue, 15 Jul 1997 13:27:04 -0700
From: Ed Loranger <we6w@qsl.net>
To: sgreene@washsq.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [23131] Re: Antenna Placement (Was Re: Antennas (was:The 75 watt....))
Message-ID: <33CBDD18.4DD2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah, but did he tie a knot in the antenna to keep the lightening from getting into the shack!

(The lightening thread was neat.....)

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#???? grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 15 Jul 1997 16:35:27 -0400 (EDT)

From: Stephan Greene <sgreene@washesq.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [23132] QRP digital modes

Message-ID: <Pine.LNX.3.95.970715162042.5781H-1000000@europa.washesq.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

My vacation experiments with ultra-portable QRP packet were a partial success. I don't have a suitable HF rig/TNC, so I tried things with a 2M HT, KPC-3 TNC (with 9V battery mod) and USR Pilot for the terminal.

Attempts from the hotel itself (Mountain Lake lodge, Mountain Lake, VA; they filmed "Dirty Dancing" there so you may have seen the main lodge) were unsuccessful - I could hear a couple of packet nodes, but couldn't connect. So I hiked up from the hotel (nom. 3000 ft MSL) to the top of "Bald Knob" at 4300 ft MSL. (It's not that bad of a hike - under 1 mile from the hotel and I used the access road) Obviously a good site - several microwave towers, pagers, and at least one ham repeater up there.

Also good for packet. I could get into Wytheville and Roanoke nodes though I used the closest one I could find) and I could here voice repeaters in North Carolina easily. Other than discovering some bugs in the Pilot's VT-100 emulator I was using, it was just like you'd expect packet to behave.

I also monitored the 145.79 APRS channel, I was surprised to see a relay from one of the "home" APRS relays (N4ULS) hundreds of miles away in Northern Virginia.

Conclusion - portable (VHF) packet works, it helps a lot to have some height ('natch) and a good antenna (now I need to build or buy one of

those 2M 'arrow" beams that folds into a hollow walking-stick). It would have also helped to have more time to practice with the equipment BEFORE leaving home or hotel! And at least in areas close to population centers (like the Blue Ridge in VA/NC/TN), I can see that APRS is very viable.

For next year, I need to start thinking about how I could do an HF operation. Stringing a wire from the hotel is probably infeasible (I could do it from the cottages but my wife LIKES the lodge). There's still a large gazebo by the lake and several older buildings where I could set up, as well as going up to Bald Knob again (I'd need to rig a tarp for shade and would probably want to leave a dipole up for a few days to make my life easier).

If I keep adding to this, I should have a decent portable QRP station eventually. And my son will be at the age where Cub Scouts/Boy Scouts start doing overnight hikes and campouts...

73, Steve KA1LM

Stephan A. Greene sgreene@washesq.com
PGP Public Key 0xB96717F5 1996/10/01 at <http://ww2.washesq.com/~sgreene/>

Date: Tue, 15 Jul 1997 22:32:53 +0100
From: rodriguez@jet.es
To: jokortge@mci2000.com
Cc: qrp-1@Lehigh.EDU
Subject: [23133] Re: re Antenna loading coils / EZnec
Message-ID: <1.5.4.32.19970715213253.0067da40@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>That's the method I used on the various bicycle mobile antenna
>designs that I showed at Dayton last year.
>
>Comments??
>

I did so to calculate radiation angles but for designing turns, wire size etc of the coil I don't know if that will work. Especially the Q values I do not know how to handle in this case.

Saludos
Goran ea8yu

Date: Tue, 15 Jul 1997 22:43:24 +0100
From: rodriguez@jet.es
To: Cecil_A_Moore@ccm.ch.intel.com
Cc: qrp-1@Lehigh.EDU
Subject: [23134] Re: Antenna loading coils / EZnec
Message-ID: <1.5.4.32.19970715214324.00663190@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Cecil,

At 16:33 14/07/97 PDT, you wrote:

>Hi Goran, helicals are against my religion. :-) I use as high-Q a

I made a vertical dipole based on the St Luis Vert. Top section full size, bottom section about 3=B4 helical wound to get the antenna resonant without needing radials. Got SWR 1.3 at 14.0 - 14.06, i.e. no tuner. Would you=20 suggest use a 3=B4 leg loaded with a high Q coil in the center?

Saludos
Goran ea8yu

Date: Tue, 15 Jul 1997 14:57:05 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [23135] Re: Antenna Placement
Message-ID: <199707152157.0AA24442@usr09.primenet.com>

Steve (KA1LM) wrote:

> Eons ago, there was a QST article on "Antenna Placement Is The Key." The
> author used a junk zip cord antenna to work all sorts of South Asia and
> Oceania stations [...] It *may* have helped that the author was in Thailand

So, place even a crummy antenna in an exotic DX location and

you'll work plenty of stations. Sounds right to me. :) I'm
beginning to wonder if that wasn't the author's meaning of
"Antenna Placement Is The Key" in the first place....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Nee!"

End of QRP-L Digest 788

